

# LPP-3030T

Programmable DC Power Supply Series / Provide two completely separate power output /

## Introduction

LPP-3030T provides a higher stability in terms of traditional Programmable DC Power Supply. LPP-3030T, linear programmable DC Power Supply Series support USB PC-Link and two completely separate power outputs. With the various characteristics, LPP-3030T is the best choice of power supplies for engineers. With the functions of the power supply of LPP-3030T, it provides two completely separate power output which is able for series or parallel connection; other than the common power supplies on the market of positive/ground/negative output. In addition, LPP-3030T supports low-voltage digital circuits, also it is able to switch voltage among 1.8V~5.0V. With its characteristics of stability and high-speed twinkling reaction, LPP-3030T provides high quality at a very economical price.

## Features

- Provide two completely separate power outputs. Users can obtain higher voltage, current, and positive & negative voltage applications by using series or parallel connection.
- Support low-voltage digital circuits : Provides fixed power output also it is able to switch voltage among 1.8V~5.0V.
- OVP (Over voltage protection)/OCP (Over current protection) functions: For each programmable output, users can set desired protective voltage or current value.
- V.Set Limit function : Sets the limit of the maximum voltage.
- When keypad is locked, user can not change the setting of voltage and current. The LPP will be locked even if user restarts the LPP.
- Supply high resolution of V (voltage)/ I (current) for measurement: The resolution of V (voltage)/I (current) can raised up to 10mV/1mA.
- Memory storage : Memorizes up to 10 formats setting of OCP, OVP and V.Set Limit.
- USB Interface: Use USB interface to offer PC-Link function to be able to write the control programs, save data and PC-Remote with simple command text format.



## Standard Accessories

- Main unit.....x1
- AC power cord.....x1
- USB cable.....x1
- DC output cable.....x3
- CD.....x1  
(Driver and user manual are included)

## Optional Accessories

- DC output cable set

## Specification

Operating Temperature	0°C~45°C
Power	AC 110V/220V ; 50Hz/60Hz
Communication	USB
Dimension	22.5cm x 31cm x 10cm
Weight	6.5Kg
Programmable DC Output Ratings	
Voltage	0.1V~30V(Max:30.99V)
Current	0.01A~3.0A
Fixed Output Ratings	
Voltage	OFF/1.8V/2.5V/3.0V/3.3V/5.0V ~3A
Ripple and Noise (20Hz~20MHz)	
Voltage	< 1mVrms/8mVp-p ≤ 2mArms/10mAp-p

## LPP Series

Model	Programmable Power Output	Resolution
LPP-3030T	30V , 3.0A (Dual Output)	10mV , 1mA
mPP-3035T	30V , 3.5A (Dual Output)	1mV , 1mA
mPP-6020T	60V , 2.0A (Dual Output)	2mV , 1mA